

FIG. 1

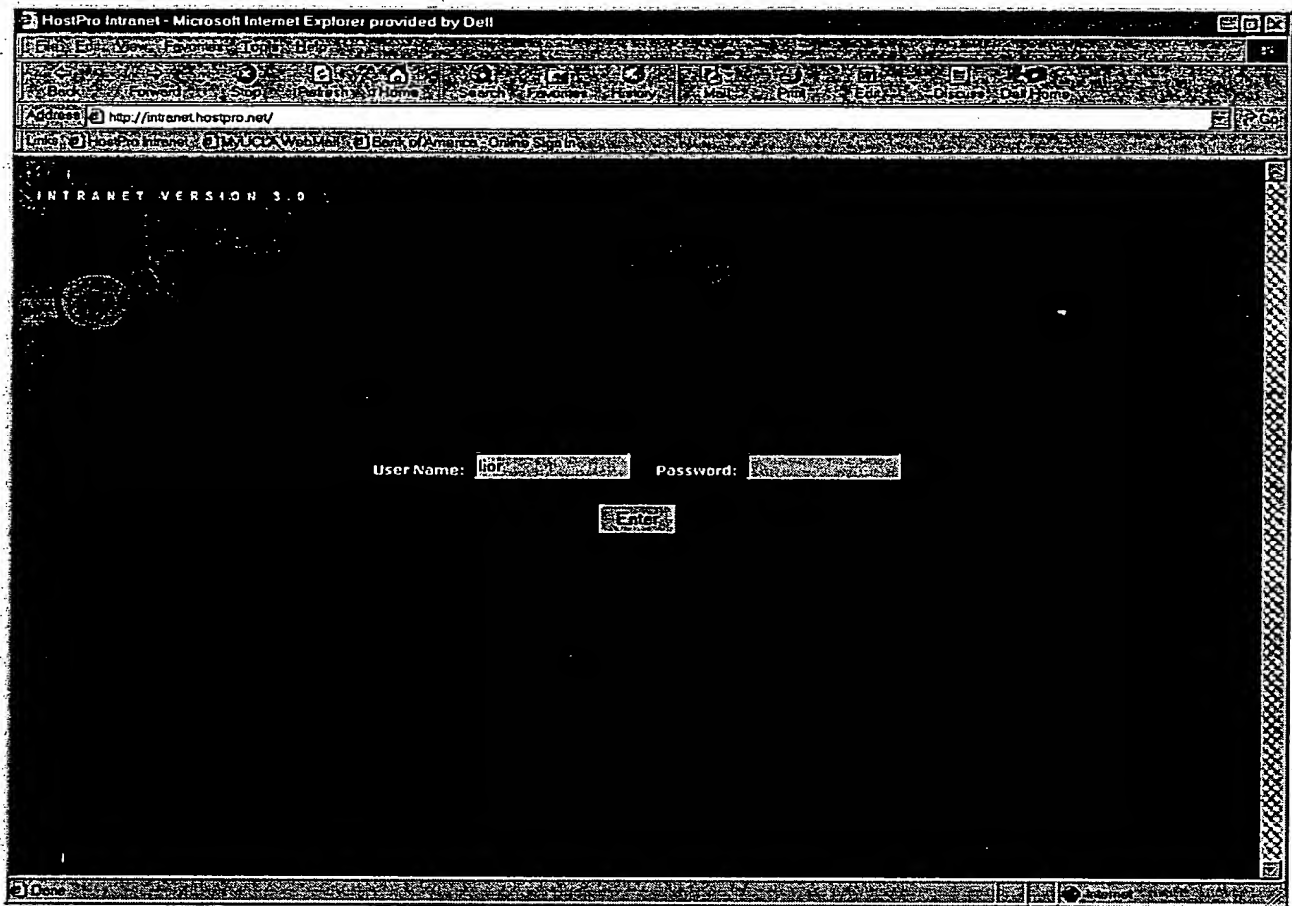


FIG. 2

http://intranet.hostpro.net/templates/1/login.asp - Microsoft Internet Explorer provided by Dell

Address: http://intranet.hostpro.net/templates/1/login.asp

Links: HostPro Intranet, MyUCA WebMail, Bank of America Online Sign In

Site Admin out Logout

Site Administration

Domain Name: testsg20.com Search

Domain Name: testsg20.com
Username: testsg2
Password: test1234 Update
Server: sg20 [Virtualhost: UNIX - Standard]
IP Address: 207.198.100.4
Date Created: 2/4/00 7:52:25 AM

Space: 100 Update
Max POP: 5 Update
Max Aliases: 5 Update
Frontpage: Yes Update
TrellixWeb: No
Anon. FTP: Yes Update
SSL: Yes Update
MySQL: Yes Update
MSQL: Yes Update
Servlets: Yes Update
Cybercash: No Update
PaymentNet: Yes Update
ShopPlus: Yes Update
Reseller: www.hostpro.net Update
Email: Resend
Real Media: Streams Space MB Update
(real.netservers.net)
Net Show: Bandwidth: Clients: Update

SUSPEND SITE

[BUGS? Click Here] SEARCH: Domain Name Search

FIG. 3

```
graph TD; 40[UPDATE CENTRALIZED DATABASE] --> 42[TRIGGER SERVER DAEMON]; 42 --> 44[SYNCHRONIZE SERVER WITH DATABASE];
```

The flowchart illustrates a three-step process for synchronizing a server with a database. It begins with a box labeled 'UPDATE CENTRALIZED DATABASE' (40), which leads to a box labeled 'TRIGGER SERVER DAEMON' (42). This step then leads to the final box, 'SYNCHRONIZE SERVER WITH DATABASE' (44).

Age Group	2004	2006	2008
18-29	~85%	~88%	~90%
30-49	~75%	~78%	~80%
50-69	~65%	~68%	~70%
70+	~55%	~58%	~60%

1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 26

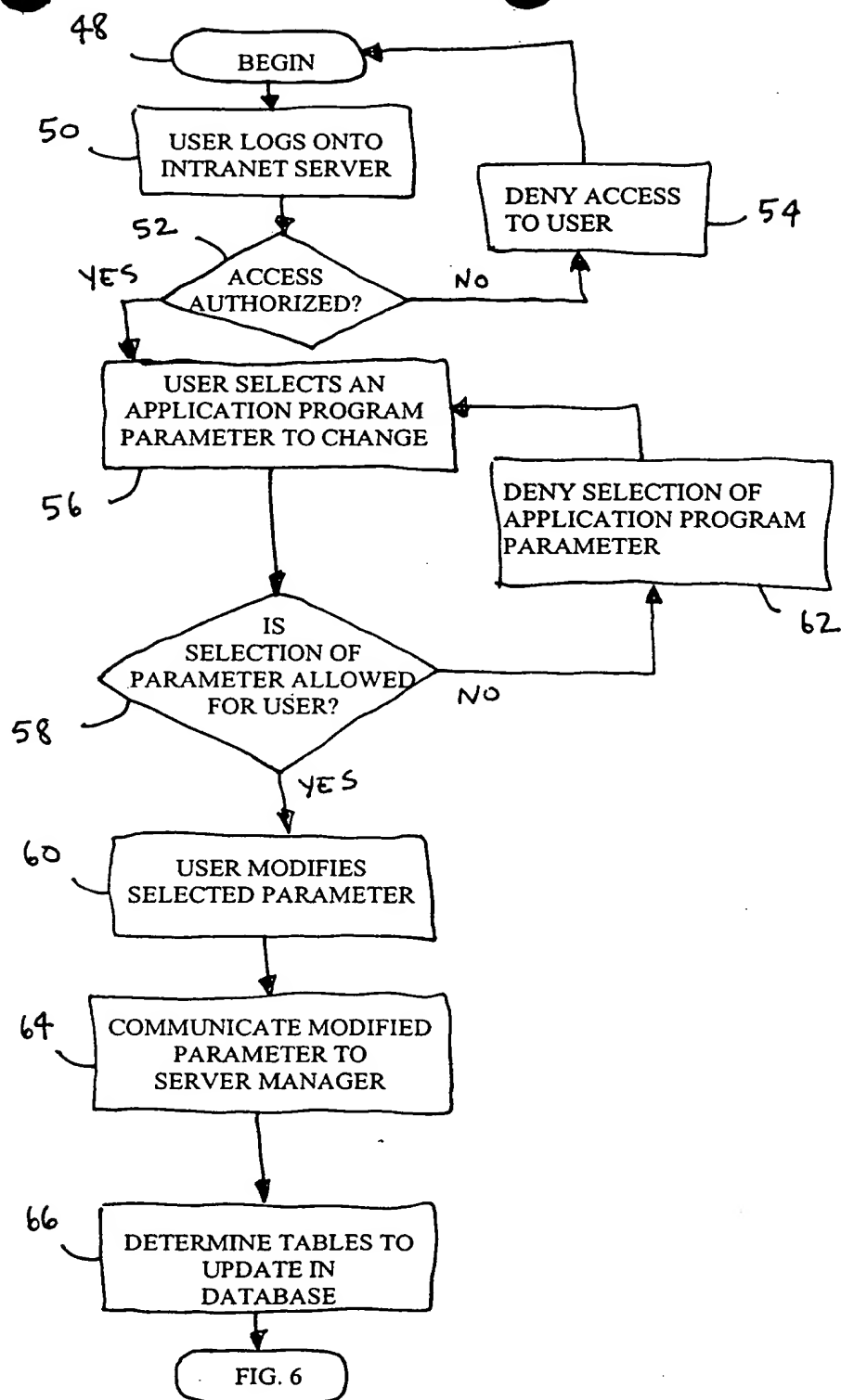
$$\begin{array}{ccccccc} \left\{ \begin{array}{c} \mathbb{Z}^{(2n)} \\ \mathbb{Z}^{(2n-1)} \\ \vdots \\ \mathbb{Z}^{(2)} \end{array} \right\} & \left\{ \begin{array}{c} \mathbb{Z}^{(2n)} \\ \mathbb{Z}^{(2n-1)} \\ \vdots \\ \mathbb{Z}^{(2)} \end{array} \right\} & \left\{ \begin{array}{c} \mathbb{Z}^{(2n)} \\ \mathbb{Z}^{(2n-1)} \\ \vdots \\ \mathbb{Z}^{(2)} \end{array} \right\} & \left\{ \begin{array}{c} \mathbb{Z}^{(2n)} \\ \mathbb{Z}^{(2n-1)} \\ \vdots \\ \mathbb{Z}^{(2)} \end{array} \right\} & \left\{ \begin{array}{c} \mathbb{Z}^{(2n)} \\ \mathbb{Z}^{(2n-1)} \\ \vdots \\ \mathbb{Z}^{(2)} \end{array} \right\} & \left\{ \begin{array}{c} \mathbb{Z}^{(2n)} \\ \mathbb{Z}^{(2n-1)} \\ \vdots \\ \mathbb{Z}^{(2)} \end{array} \right\} & \left\{ \begin{array}{c} \mathbb{Z}^{(2n)} \\ \mathbb{Z}^{(2n-1)} \\ \vdots \\ \mathbb{Z}^{(2)} \end{array} \right\} \\ \mathbb{Z}^{(2n)} & \mathbb{Z}^{(2n-1)} & \mathbb{Z}^{(2n-2)} & \mathbb{Z}^{(2n-3)} & \mathbb{Z}^{(2n-4)} & \mathbb{Z}^{(2n-5)} & \mathbb{Z}^{(2n-6)} \end{array}$$


FIG. 5

00000470 400000

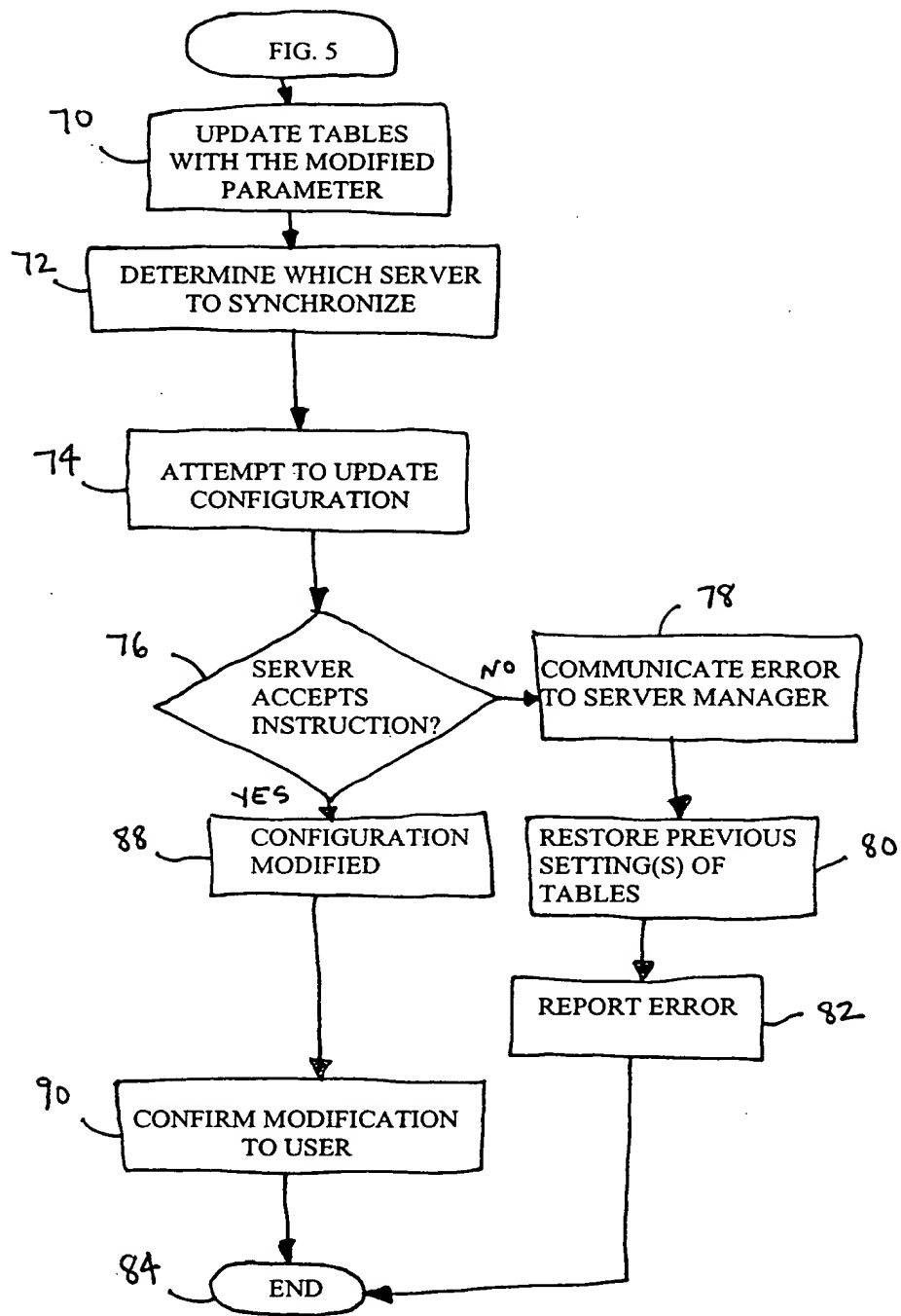


FIG. 6

005294000000

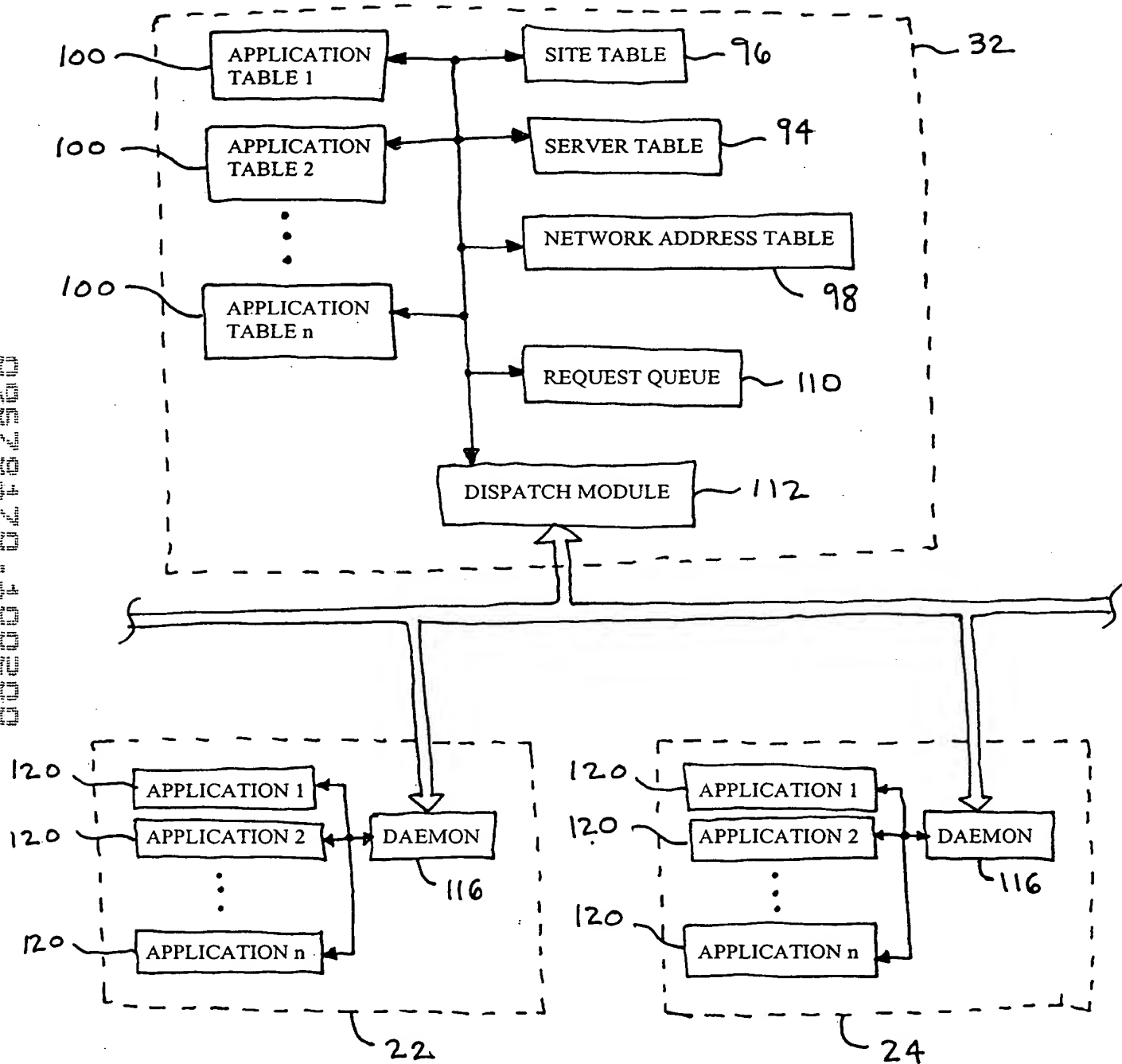


FIG. 7

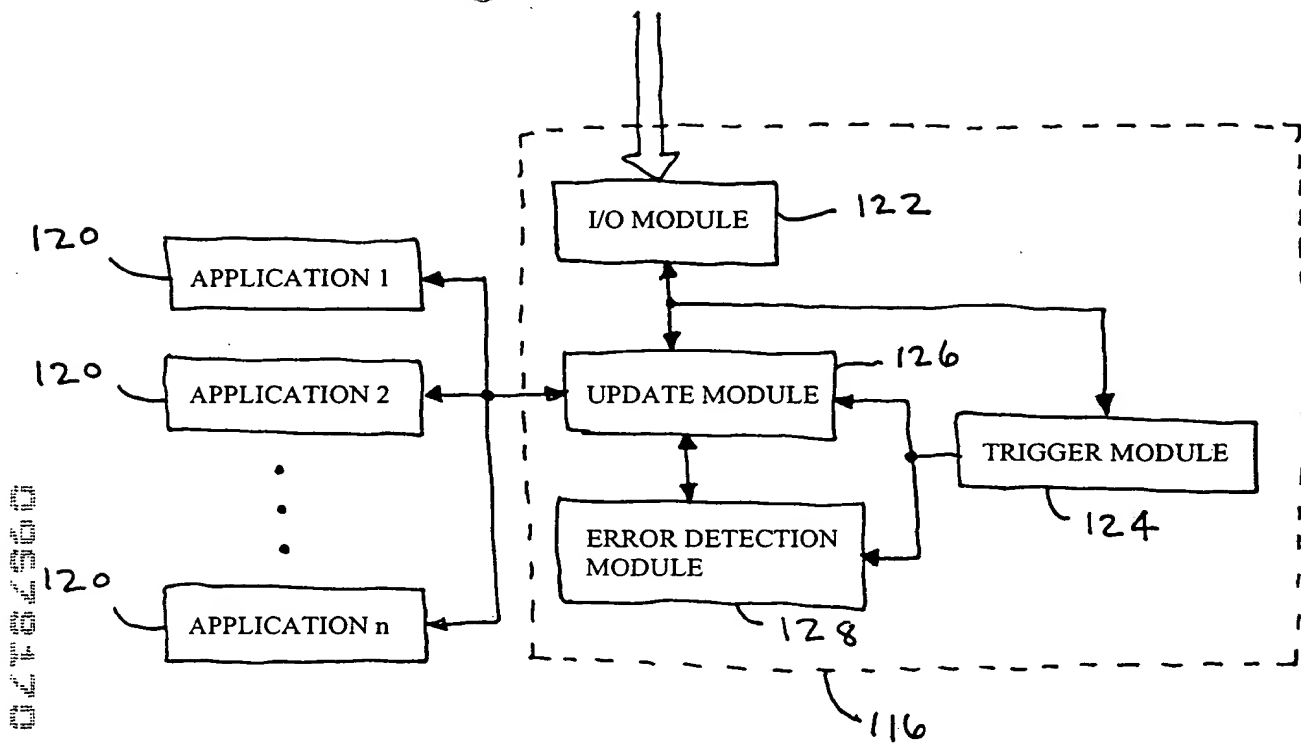


FIG. 8

[illegible]

SERVER TABLE

[illegible]

SITE TABLE

FIG. 10

150 154

152	SERVER ID	SITE ID	SPACE	STREAMS	156
	HP1004	7568A	100 MB	20	
	HP1001	2234A	50 MB	10	

MEDIA SERVER TABLE

FIG. 11

160 164 166 168

162	SERVER ID	SITE ID	SPACE	IP	MEMORY	CPU	170
	HP1004	9067C	100 MB				
	HP1002	4356E	10 MB				

WEB SERVER TABLE

FIG. 12

00670470-10000

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graph TD
    176[REPRESENT IP ADDRESSES AS SINGLE FIELD INTEGERS] --> 178[ARRANGE INTEGERS IN NUMERICAL ORDER]
    178 --> 180{FIRST ADDRESS ASSIGNED?}
    180 -- NO --> 182[ASSIGN ADDRESS]
    180 -- YES --> 184{NEXT ADDRESS ASSIGNED?}
    184 -- YES --> 184
    184 -- NO --> 182

```

FIG. 13

SERVER INVENTORY		
SERVER I.D. NUMBER :	SGI1008	190
MODEL:	SGI 12000	192
SERIAL:	128743AA346	194
SPEED:	450 MHz	196
MEMORY:	512 M	198
FACILITY:	DENVER1	200
LOCATION:	RACK 20	202
OS:	LINUX	204
SOFTWARE:	WEB SEVER V.4.5 MAIL SERVER V.2	206
210		
REQUEST MODIFICATION		191
		SEARCH

SGJ1008

SGI 12000 ~ 192

128743AA346 ~ 194

450 MHz ~ 196

512 M ~ 198

DENVER1 ~ 200

RACK 20 ~ 202

LINUX ~ 204

WEB SEVER V.4.5 ~ 206
MAIL SERVER V.2

REQUEST MODIFICATION

SEARCH

FIG. 14